

Converting Colors

$Yxy(35.3538, 0.3350, 0.4352)$

Have a look what the booklet for
Yxy(35.3538, 0.3350, 0.4352)
contains.

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Color

Yxy(35.3800, 0.3350, 0.4346)

Conversions

Conversions Part 1

Format	Color
Hex	88AB69
RGB	136, 171, 105
RGB Percent	53%, 67%, 41%
CMY	0.4665, 0.3294, 0.5882
CMYK	0.20, 0.00, 0.39, 0.33
HSL	92°, 28%, 54%
HSV	92°, 39%, 67%
XYZ	27.2717, 35.3800, 18.7564
YIQ	153.0110, 0.3260, -27.9460

Conversions

Conversions Part 2

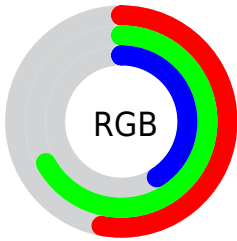
Format	Color
RYB	105, 171, 140
Decimal	8956777
CIELab	66.04, -23.85, 30.17
CIELCh	66, 38.461, 128.329
Yxy	35.3800, 0.3350, 0.4346
Android (android.graphics.Color)	4287146857 (0xFF88AB69)
YUV	153.0110, -23.6694, -14.9186
Hunter-Lab	59.4811, -22.2507, 22.9406

Details

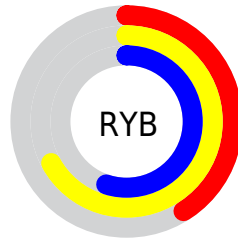
The Yxy color **35.3800, 0.3350, 0.4346** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.6147, 0.2806, 0.2250**, and the grayscale version is **31.9695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7742, 0.3316, 0.4123**, and **15.4105, 0.3392, 0.4727** is the 20% darker color. If you saturate the color by 10%, you get **34.3378, 0.3391, 0.4645**, and if you desaturate by 10%, it is **36.5601, 0.3299, 0.4050**.

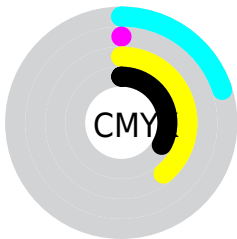
Distribution



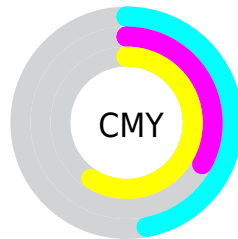
- Red (53%)
- Green (67%)
- Blue (41%)



- Red (41%)
- Yellow (67%)
- Blue (55%)



- Cyan (20%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)





- Cyan (47%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3800, 0.3350, 0.4346 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 35.3800, 0.3350, 0.4346 by changing the saturation by 10% instead.

 35.3800, 0.3350,
0.4346


 35.3800, 0.3350,
0.4346


326.2425, 0.3250,
0.3772

 23.9557, 0.3368,
0.4504


 68.0740, 0.3318,
0.4127


 15.3008, 0.3386,
0.4715


 90.1126, 0.3305,
0.4047

 9.0308, 0.3397,
0.5008


 116.4580, 0.3293,
0.3982

 4.7613, 0.3384,
0.5438

 147.4948, 0.3282,
0.3927

 2.1079, 0.3499,
0.6501

183.6072, 0.3273,
0.3880

 0.6690, 0.0742,
0.9258

225.1797, 0.3265,

 0.0000, 0.0000,

0.3839

0.0000

272.5966, 0.3257,
0.3803

■ 35.3800, 0.3350,
0.4346

■ 35.3800, 0.3350,
0.4346

■ 34.3378, 0.3391,
0.4645

■ 36.5601, 0.3299,
0.4050

■ 33.4229, 0.3418,
0.4934

■ 37.8788, 0.3241,
0.3766

■ 32.6307, 0.3428,
0.5199


■ 39.3429, 0.3180,
0.3501

■ 31.9539, 0.3417,
0.5425

■ 40.9570, 0.3119,
0.3257

■ 31.3847, 0.3385,
0.5599

■ 42.7258, 0.3058,
0.3036


 30.9098, 0.3337,
0.5721

 44.6536, 0.3000,
0.2836

 30.8481, 0.3331,
0.5737

 46.7447, 0.2945,
0.2658

 49.0029, 0.2893,
0.2500

 51.1786, 0.2871,
0.2394

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.3800, 0.3887, 0.4289



35.3800, 0.3350, 0.4346



35.3800, 0.2780, 0.4027

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.3800, 0.3350, 0.4346



35.3800, 0.2111, 0.2512



35.3800, 0.3966, 0.3071

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.3800, 0.3350, 0.4346



18.6147, 0.2806, 0.2250

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.3800, 0.3411, 0.2688



35.3800, 0.3350, 0.4346



35.3800, 0.2360, 0.2369

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.3800, 0.3350, 0.4346



35.3800, 0.2099, 0.2886



35.3800, 0.2819, 0.2439



35.3800, 0.4277, 0.3520

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.3800, 0.3350, 0.4346



35.3800, 0.2460, 0.3655



35.3800, 0.2819, 0.2439



35.3800, 0.3798, 0.2932

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.3815, 0.3350, 0.4346



69.4873, 0.3202, 0.3595



28.1708, 0.3861, 0.3804



15.4221, 0.3210, 0.3628



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3815, 0.3350, 0.4346



61.8178, 0.3385, 0.4592



33.1695, 0.3065, 0.4422



9.1171, 0.3184, 0.3519



23.2878, 0.3338, 0.5732



0.6806, 0.3585, 0.5536

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.6147, 0.2806, 0.2250



27.6310, 0.2715, 0.2013



21.6591, 0.3184, 0.2370



7.9581, 0.3065, 0.3061



3.9078, 0.2097, 0.0929



0.1409, 0.2429, 0.1112

Previews

White Background



This preview shows how the Yxy color 35.3800, 0.3350, 0.4346 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 35.3800, 0.3350, 0.4346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

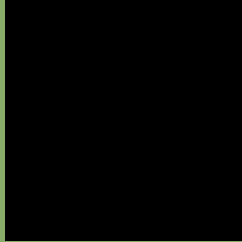
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.3800, 0.3350, 0.4346

Background



This preview shows how black text looks on a background with the Yxy color 35.3800, 0.3350, 0.4346.



This preview shows how white text looks on a background with the Yxy color 35.3800, 0.3350, 0.4346.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.3800, 0.3350, 0.4346

Protanopia

35.0799, 0.3816, 0.4135

Deuteranopia

34.9630, 0.3962, 0.3887



Tritanopia

35.4005, 0.2874, 0.3112

Trichromacy



Original Color

35.3800, 0.3350, 0.4346

Protanomaly

34.9838, 0.3640, 0.4221

Deuteranomaly

34.8822, 0.3721, 0.4047

Tritanomaly

35.2252, 0.3042, 0.3537

Monochromacy



Original Color

35.3800, 0.3350, 0.4346

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.1222, 0.3216, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3800, 0.3350, 0.4346 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(136, 171, 105)` looks like.

```
.text, #text, p{  
    color:rgb(136, 171, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(136, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 171, 105) }
```

Border

The CSS property to change the border of an element to Yxy 35.3800, 0.3350, 0.4346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 171, 105) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(136, 171, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(136, 171, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(136, 171,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3800, 0.3350, 0.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 171, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(136,  
171, 105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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